

## HIV Helper T-cell Epitopes

Table 3: p15

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
p15(393-407 IIIB B10)	p15(16-30)	FNC'GKEGH'TARNCRA	HIV infection	human(unk)	[Wahren (1989b), Wahren (1989a)]
		• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses			
p15(418-432 IIIB B10)	p15(41-55)	KEGHQMQMKDCTERQAN	HIV infection	human(unk)	[Wahren (1989b), Wahren (1989a)]
		• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses			
p15(423-437 IIIB B10)	p15(46-60)	MKDCTTERQANFLGKTI	HIV infection	human(unk)	[Wahren (1989b), Wahren (1989a)]
		• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses			
p15(439-446 LAI)	p15(62-69)	PSYKGRPG?	HIV infection	human(unk)	[Schrier (1989)]
		• Stimulates T-cell proliferation in HIV-infected donors			
		• Schrier lists this peptide as p24(439-446), but because of the numbering used for Gag epitopes, we placed it in p15			
p15(446-460 BRU)	p15(69-83)	GNFLQSRPEPTAPPA	peptide	murine(H-2 <sup>b</sup> )	[Vaslin (1994)]
		• Peptide G4; could prime for <i>in vitro</i> immunoproliferative responses and for subsequent IgG responses			
p15(466-473 LAI)	p15(89-96)	REETTTPS?	HIV infection	human(unk)	[Schrier (1989)]
		• Stimulates T-cell proliferation in HIV-infected donors			
		• Schrier lists this peptide as p24(466-473), but because of the numbering used for Gag epitopes, we placed it in p15			
p15(473-487 IIIB B10)	p15(84-98)	ESFRSGVETTTPPQK	HIV infection	human(unk)	[Wahren (1989b), Wahren (1989a)]
		• Peptides were identified that commonly evoke T-cell responses; 50% of 90 HIV+ people had a T-cell response to this peptide			